## **GUEST EDITORIAL**

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Dear Colleagues,



It is an honor for me to be the guest editor for the periodontology special edition issue by the IDJSR. The primary purpose of this special edition is to present the research and clinical case reports in the field of periodontology in order to stimulate a critical analysis and a discussion on the future of the periodontal practice and research. The initiatives being taken by this journal paves the way for dental students/clinicians/researchers from all over the world to contribute and share their research. I can only see this journal go from strength to strength and I wish the whole team of IDJSR the very best and look forward to being associated with them in the future.

We know from the current data from USA alone that about 46% of the population has some form of periodontitis. This when coupled with an increase in life-expectancy leading to an aging population, means that the importance of managing and treating periodontal disease is more important than ever. There is a need to develop more effective strategies for periodontal therapy to achieve optimal outcomes with high levels of clinical success. Most of the activities within the field of periodontology are largely focused on the development of implant placement techniques, implant-related materials and state-of-the-art implant systems. As dentists, we treat patients by acknowledging the importance of prevention by maintenance of oral hygiene, early diagnosis and intervention for appropriate management of periodontal health. The same approach must be adopted for implant patients and a risk assessment should be performed. Presence of different medical conditions, susceptibility to periodontal disease and use of certain drugs can limit the success of implants. Implant loss, mucositis, marginal bone loss and periimplantitis are the more common types of complications reported in implant therapy. With the increasing number of implants being placed currently, it can be expected that the frequency with which we encounter peri-implant lesions will increase as well. There are constant advances being made in periodontal regenerative therapy, immunoregulation, vaccination and community based approach to prevention. The knowledge and technology that is available today makes it an exciting time in the field of periodontology. It is imperative that we decide wisely how these professionals aids are going to be of benefit to our patients.

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It is extremely difficult to ignore the research done on periodontal tissue in relation to its physiology and pathology, diagnosis, epidemiology and prevention and therapy of periodontal disease. In present scenario where almost half of the population is effected by some level of periodontal problem it is difficult to its importance. Therefore special volume of this journal emphasises on publishing the original contributions of high merit from different part of world.